

This Month We Salute:  
Dade Radio Club For  
Another Excellent  
Hamboree and A.R.R.L.  
Convention In Miami

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— — — — —

# FLORIDA skip

VOL. 15 NO. 9

THE ALL-FLORIDA RADIO AMATEUR'S PUBLICATION

FEBRUARY / 1972

Price 20c



RECENTLY ATTENDING a "Work Session" were L. to R.: WBAUQH, EC & CD Director Calhoun Col.; K4UNT; WA4SIB. Bottom: Dale Funkhouser (awaiting ticket); W4KCA, EC Jackson Co. and WB4TUF CD Director, Jackson Co. at E.O.C. in Marianna, Fla. With help of W4IKB, SEC W. Fla. these work sessions are held throughout all West Fla. Section. (Photo by W4IKB)

## RAEM SILENT KEY

Newspapers last week carried reports of the death of Ernest Krenkel who was described as a Soviet polar explorer. The reports said that he died Wednesday, December 8th.

While the articles did not give the call-sign, it was mentioned

that Krenkel was President of the Soviet Federation of Short-Wave Radio Amateurs and it does seem rather definite that this was RAEM.

He was one of the team that drifted for nine months in 1937-1938 on an ice floe in the Arctic Ocean and in recent years he had been the Director of the Soviet's Research Institute for the design of meteorological instruments. He was also Chairman of the Philatelic Society of the USSR.

RAEM served in the Arctic in 1924 to start his career and subsequently served at several polar stations. In 1932 he was on the Icebreaker Sibiryakov which was the first to cross the

## FCC Random Sampling

In addition to its random sampling of mail-examination licensees through callups, FCC is undertaking inspection of amateur station log books in several situations. One is where SSTV "Playboy" picture transmission is alleged; another is alleged harmful interference to net operations, a third is random sampling of renewal applications, to ascertain the truth of the affirmation that the activity requirements have been met.

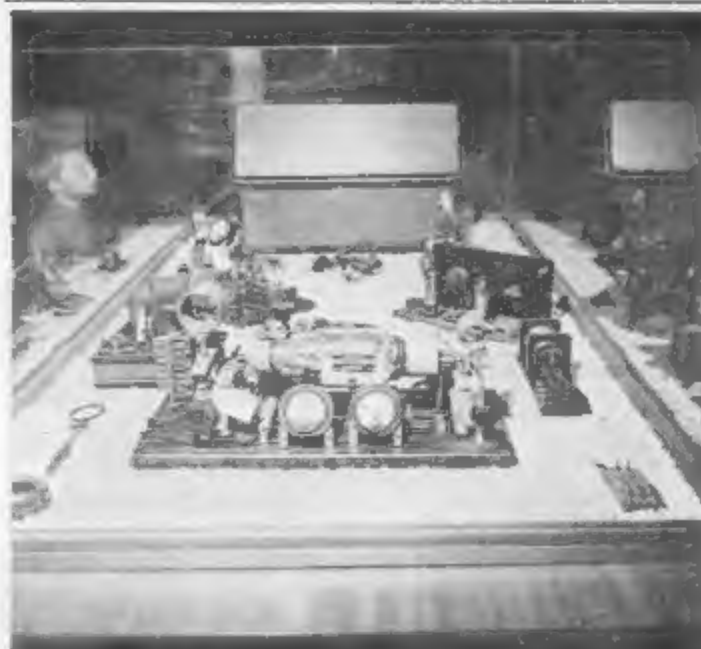
We have long needed more "teeth" in the enforcement area, and if nothing else these actions should make some of our borderline (or real)

scofflaws sit up and take notice. (W1RW — DIRECTORS NEWSLETTER)

## EX CALLS

Here are more ex-calls. Do you see anyone you know? Send in yours? Editor

WB4JHI ex W4BVC  
WB4CKY ex WA4K7Z  
WB4YEJ ex W1JTY  
W4WDQ ex W9GVT  
W4FAH ex W0K2T  
K4SP ex WB4SQZ  
K4RN ex K2BQ  
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KA8LB  
K4FRE ex K2HAX  
K4AUA ex 9CZV, W9DSQ



BEGINNING 31 AUGUST 1971, the Aldrin Planetarium and Science Museum of Palm Beach County, is featuring an exhibit of Antique Shortwave Radio equipment donated by Col. James R. Hughes, W4EXO, of Palm Beach. (Photo by WN4VAQ)

## SOMEONE FORGOT

SKIP received a plain envelope with NO RETURN address on the outside with two (2) one dollar bills with a SUBSCRIPTION RENEWAL notice, which was NOT filled out, on the inside. Now — our question is — who do we credit for another year's subscription? Does anyone wanna guess?

Editor

(Continued on Page 16)

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2

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—Editor

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#### YOUR PHONE BILL DOWN?

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(SPACEPORT NASA NEWS  
K4DJN)

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## Letters To Editor

Dear Andy:

Enclosed please find my check for my new subscription to Florida Skip. I am a recent transplant from up north — Ex W2VZR from Long Island. As a matter of information which you probably already have, the C.B.A.s are at it again with three bills pre-filed in Tallahassee for special license tags. One bill specifies station wagons and pickup trucks and the other two are for passenger cars. I do not remember who the sponsors were but these bills should meet the fate of the last ones.

74.

CARL H. GLOVER, K6BIO  
Ex W2VZR  
46-C Dale Drive,  
Holiday Mobile Park  
Tavares, Fla. 32778

EDITOR

December 20, 1971 the mailman delivered a letter from K4CT. Enclosed was the new call for W4SAC who had been waiting for this mailman for several weeks.

Armed with the new W4SAC I thought I would try my new gladdening, which I just received for Christmas.

I no sooner turned it on to make my first QSO and received an emergency call from W4WWN, requesting a base station with telephone facilities.

Using the best ham lingo I knew, I learned of a very serious accident on the turnpike and was asked to contact the State Highway Patrol, which I did and was later informed that they arrived on the scene in minutes and the situation was well in hand.

I feel very proud to be a ham and the services rendered in an emergency is payment in full for all the trials and tribulations in gaining a ticket.

75.

TED R. YAGLE, WB4SAC  
Ft. Lauderdale

Dear Andy:

Follows here a list of the Senate Transportation Sub-Committee members to whom protests against SB-37 (Special license tags for "Amateur" Citizen band radio operators!!!) should be addressed.

SENATE PRESIDENT: Jerry Thomas,  
P.O. Box 9788, Riviera Beach, Fla. 33404  
CHAIRMAN: Ralph R. Poston, 3103  
N.W. 20th St., Miami, Fla. 33142.

VICE CHAIRMAN: C. W. Beaufort, P.O.  
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Beach, Fla. 33404.

Clement W. Stollenburg, P.O. Box 10276,  
Wilcox Motors Branch, Ft. Lauderdale,  
Fla. 33305.

Let's go after them — and don't forget that squib in Jan. 1972 QST that mentions the CR applicant who was turned down for a ham license because the hearing examiner did not feel "he had the necessary integrity to become a ham."

We urge everyone — and I DO mean everyone — to flood the above senators with protests. We're on the line again.

73.

GENE SYKES, W4HRB  
West Palm Beach

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LOOK at all these goodies at the Tampa Hamfest, Oct. 17th. Swappers enjoyed the 25,000 foot air conditioned Electrical Building. Do you see anyone you know? (Photo via W4UHF)

## AIR FORCE MARS COLUMN

By AFC4BND-WB4BND

It seems the old adage there is nothing so sure of change as change itself is still true. The latest information from headquarters is we will soon have a realignment of districts again. As it now stands, the two communication areas will be combined into one. Headquarters will be at Richards-Gebaur AFB, Mo. Captain Dabot will remain Chief MARS and Sid Anlin will assume the administrative duties for the entire operation. This is projected to occur in approximately three months or so. At this time I have no further information concerning personnel changes and re-assignments, or even if there is to be any region shifting. I expect to gain further info at the MARS meeting being held at the

Miami Hamboree on the 22-23 January.

Some good news, and what I feel is a big step toward better morale in the program, is the fact that we are presently setting up a program whereby members will assist in the screening and freezing of surplus equipment. It will work this way. A designated member, armed with a letter of authorization from headquarters, will go through the R and M warehouse at his local Air Base, and look for

equipment of use to the MARS program. When he finds something he feels is of use, he will call directly to headquarters, report his find and if it is felt to be of use by the staff, they will immediately freeze the item(s) for the program. This will be much more efficient than the current method and should result in substantially more equipment getting into members hands for use in the program. The State directors are now compiling



lists of members near the bases in their states who have the time and knowledge to do this screening.

If you feel you meet these qualifications, get in touch with your State director and let him know you are willing to help.

## NAVY-MARINE CORPS MARS (So. Fla.)

By Jim Wilson, NOWCK  
Our South Florida Area is

divided into four active sections. With their Section Chiefs they are:

N.E. — NOSQB, Lake Wales.  
N.W. — NOEXU, Clearwater.  
S.W. — NOOPU, Port Charlotte

S.E. — NOFUL, Miami.

Their fine help saves the Area Coordinator a great deal of paper work.

Another item which greatly helps our program is that Tuesdays thru Fridays the General Electric Co. in St. Pete permits its two N.M. members to operate the Company club station as NOJXA and represent So. Fla. on our 6th District traffic net. This contribution of two fine operators NOQDW and NOPJA is greatly appreciated.

We were all saddened to hear of the recent death of Jacob Holzenberg, NORPH of No. Miami Beach.

Our newest member is Gary D. Ross, NCTWB, of Ft. Myers. We also have a visitor from Conn., NOABT, Carl Pearson, Naples. Both Gary and Carl are now checking in to our regular SSB traffic net on 4015 KHz at 2200Z. Our All Fla. CW net is on 4008.5 at the same time.

All our members are urged to get on these nets or let us know how we can help you to get on.

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ARRL DIRECTOR, DALE Strieter, W4DQS (left) talked to a packed Club House of the Lake Amateur Radio Assn. in Leesburg Oct. 28th. Many Silver Springs Club members were also present. President of LARA, Ken Altken W4FIQ conducted the meeting.

(Photo via W4BP)



Some guys will do anything for a good signal on 180 meters. Here, W4BRB (on ladder), WB4OUB on dock, and WB4TAF in boat, swings us BRB's 72 foot top loaded insulated hinged vertical tower. A coupler installed under dock plus water ground yielded a flat 1:1 SWR ratio. Last count shows W4BRB with 45 countries worked on 160 and needs only Asia for W.A.C.



A two-man hamfest was staged in Immokalee, Florida last month by WA4DEE (r) and W4VGE. They came from near and far and all went home full! Don't step back men, you fall in the salad table. (Photo by WB4OVN)



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## COUNTRY COUSINS

Stan Offenbutter, K4BLM  
We hope that all of you had an enjoyable Christmas and New Year holiday. Santa visited the Country Cousins on December 19th from the North Pole via K4BLM and from the various reports everyone did have a fine time.

The Cousins are now registered with the State as a "not for profit organization" and as of November 30th, 1971 we are recognized and listed with the Internal Revenue Service as a tax exempt organization. This means that if anything is donated, it is tax deductible.

It is with great pleasure that we add to our roster: Tom, WA4YZ, Al, W4WZG and Bob, WA4KTZ. Welcome Cousins, it's nice to have you with us. Susan, WB4GHC is now on the air with her new rig, good luck girl!

Congratulations to Jerry, WB4TPI, our new 1st Vice President, the same to Jim, WA4ONZ as Sunday NCS, Ted, K4ONY, his alternate and Pete, WB4RVX, Thursday NCS.

A welcome to all to join us every night at 10 p.m. EST on 370 KHz. A certificate is given by the net. Please check in for particulars.

We are sorry to report the loss of two of our members to Silent Keys. Charles Kanarian OM of Lee, K4WXS and Jack Greene, W4OHJ both of St. Petersburg. Remember them in your prayers.

## WESTERN FLORIDA NEWS

By Frank M. Butler, Jr., W4RKH  
Pensacola: K4DOT got his Advanced Class ticket and is working for 1st Phone. W4NOG ran 148 phone patches this month. W4JLW renewed OPS appointment. The 5-meter net continues active of 30.7 MHz. New calls in town are WB4YBQ and WN4ECK. The FFARA Christmas party was a lot of fun for all. The club has a new HW-36 Novice station.

Fort Walton-Eglin AFB: The new Okaloosa County EC is K4CLM. W4BYE renewed ORS. W4TAL and W4VZH joined the West Fla. Phone Net. New EARS Club Officers are K4TRV, President; WB4TPH, W4RRH, W4GYX and W4UNY. New meeting schedule for EARS will be the first Tuesday of each month, same time and place. The Playground ARC has plans for a new clubhouse. Plans are also well underway for the 2nd Annual Swapfest, to be held March 19-19.

Chipley: W4IKB is teaching a class at Chipola Jr. College for Advanced Class and commercial FCC tickets. Section Net Certificates were issued to WB4SBD, K4LAN, K4VFF and WB4EL.

## EVERGLADES AMATEUR RADIO CLUB

By Dick Dwyer, WB4EZZK

The Everglades Amateur Radio Club held its regular monthly meeting on December 10, 1971 and this being the last meeting of the year it was also our annual meeting for the election of officers for the coming year.

We had a fine slate of candidates and the election was real close for all offices. Here are the results: Pres. W4EEM, Randy Payne, Vice Pres. K4CAG, Carlos Hernandez, Sec'y. WB4BZK, Dick Dwyer, and Treas. W4FWY, Chuck Clave. Congratulations fellows.

We have a fine group of officers for the coming year and I am sure that they will do a great job. We would like to take this opportunity to publicly thank the club officers of the past year for the excellent job that they have done in getting the club off of the ground and really getting it moving.

Hope Santa was good to everyone and that they got all the new equipment that they wanted for Christmas.  
So until next month.

## TAMPA A.R.C.

By Frank Shannon, K6GT

Our annual Xmas dinner-meeting, December 20th, had some fifty attending. Our guests were Mae Burke and her OM Al. As usual TARC called on Mae to accompany at the piano, our gang-singing of Xmas songs. Ray Murphy, W4BNE, was our song-leader and club photographer. For those who possibly don't know Mae Burke—she is the famous brass-pounder, W4CUL. Mae and Al spend each winter season in Florida. Mae favors TARC, each year, with making arrangements for handling traffic originating at our booth at the annual Florida State Fair held each February. Recent years this traffic has averaged about 3,600 messages originated by visitors to the fair. Thanks Mae and to those distant hams.

Getting back to our recent Xmas dinner-meeting—our President, Frank Ziegler, K4EUK, performed par excellence in his master-of-ceremonies task. Lots of

Frank's good ole' dry humor. Father May, SJ, of Jesuit High School, added to the affair—with his rib-ticking stories! Those of TARC who couldn't attend, certainly missed the good show of the Causeway Inn.

At Cito, W4AMXV, our Vice President has furnished TARC meetings with excellent programs and guest speakers. So folks, let's show Al we appreciate his efforts by your attendance. Again, we thank "Cy" Connolly for his meeting notices. Van starts code classes January 6th—every Thursday at 7:30 PM—Pass the word! C U next SKIP!



## Q.C.W.A. - SUNCOAST CHAPTER

Will Soehl, W4GHR

The Suncoasters again had a very good meeting with 37 in attendance at the Windjammer Restaurant, 4300 So Tamiami Trail, Sarasota, where we meet the 1st Wed. of each month.

Our new Chairman, W4BGO, Ben Lelton, and Sec'y., K6PTX, Al Hiser both did an excellent job. Ben said we should have a "Suncoast Chapter-QCWA" banner and the cost was immediately donated.

A Committee was named to make personal phone calls to all local members before each meeting to invite and secure a fairly accurate luncheon reservation count.

W4GJO, "Grid" Gridley was appointed "New Membership Recruiter."

New badges were ordered by many members.

A Program Manager was appointed for each month and Feb., it will be W4DKJ, Art Lynch.

Our Chairman asked each member to bring a QSL & photo of himself to make up a display board.

The Suncoast Chapter meets on the air each Wed., 4 PM, 365 KC—break in and join the family gathering. Don't forget the 1972 QCWA QSO Party, Feb. 11th thru Feb. 13th, 7 PM EST. (See page 2, Vol. 20 of the QCWA News.) More news on this at our Feb. 2nd meeting.

## GATOR QCWA

By K4PI

The December meeting of the Gator Chapter QCWA was held at the Causeway Inn, Tampa on Saturday, December 11, and consisted of a combined Christmas party and installation of newly elected officers for 1972. A total of 107 persons were present and the majority of members were accompanied by wives or friends and a number of out of town guests were invited.

The nominating committee which had been appointed at the previous meeting presented their recommendations for candidates. For Chairman, Jack Faustich, W4CXI, Vice Chairman, Harold Grigsby, K4MPF, Secretary-Treasurer Low Sieck, K4NE. Approval of the nominees was unanimous and all three expressed their willingness to carry on for 1972.

After the business meeting was concluded Christmas gifts which had been donated by all who attended were passed around to the ladies first, then to their escorts and guests.

The January meeting will be held at the Causeway Inn on Saturday, January 23 and cards will be mailed by the new Secretary-Treasurer to notify all members. Subsequent meetings will be held on the third Saturday of each month unless otherwise notified by card.

## HOLLYWOOD AMATEUR RADIO CLUB

By Minnie Levine, WA4RLS

The club dinner at Christmas was a great success. Awards were presented then. Mike Worthen won a trophy for the Rot and Roel contest, Bob Patten, W4OZF, got one for Spear Fishing. First prize for Mobile contest went to Jack Goldstein, K4EGN, 2nd prize to Bob Cheek, WB4EJE, and 3rd prize to Larry Dillingier, K4WSA. Outstanding OM was awarded to Ted Yagle, WB4SAC, and outstanding XYL was WA4RLS.

Operations Day was an excellent achievement. There were five stations on the air on all bands.

WB4EJE has started work on a 2-meter repeater. He hopes to have it operational shortly, using surplus Motorola gear.

February meeting will be "home brew" night and receiving contest.

Members of the club held a double antenno party and raised 4 antennas at WA4RLS and WB4LZQ, QTHs.

Florida QSO party will be operated portable from a rare South Florida county.

Our aggregate Sweepstakes scores over 228K on phone and about 87K on C.W. We had 5 entries on phone and 7 on C.W.

All visitors are always welcome. Be an active member. It's fun.

## WEST PALM BEACH AMATEUR RADIO CLUB, INC., W4WAW

By Clara B. Statler, W4NXX  
Secretary

Our January 19th slide program on Colombia and its Radio Amateurs was augmented by a travel film of Colombia and an Aerocordur film covering the extensive route of this Colombian airline. Honored guests were Sr. Roberto Garcia Pena, Colombian Consul stationed at Miami and Ricardo Miveros, Miami manager of Aerocordur. Credit for direction of this interesting program goes

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H S ELECTRONICS, INC.  
(THE HAM SHACK)

to member Antonio M. Correa, HK2QB-W4.

During the recent stiff gale, WB4PQB, WB4NRP, and W4VIL lost their antennas. This is the second time in six months that WB4PQB has suffered an antenna loss. He is seriously considering trying his luck with a wire thrown out of a window.

Fifteen members enjoyed the Miami Hamfest. Some were accompanied by bored wives and one by a reluctant husband.

A Silent Key, Perky, my Ham Cat, has flown to that feline Valhalla in the sky where he will romp eternally in Elysian fields of catnip, and dine leisurely on gourmet fish, liver and kidney. He lost his tenacious hold on his ninth life just five days after his fifteenth birthday. It was as if he knew he had to make it to fifteen. Tnx for the long years of loyal companionship dear OM, CUL. 73'

## DELTONA HAM NEWS

Jack Six, W4YPA

Now that Christmas and New Year's is past we can get into the swing of 1972. I am sure that all nets in Florida had a good year as well as the Deltona CD net and are looking forward to a better year in 1972.

Deltona DC net was suspended during the holidays.

We now have an emergency generator that the Civic Association purchased for the CD net.

The CD net held a dinner party Dec. 8th and 23 attended and a good time was had by all. This was our first get together since the organization in 1968.

Clarence Wandry, WB4QPH was there and told of his experience in Nigeria helping natives set up in operation a radio & TV factory. He was assigned by Executive core.

Paul Keifaber, W4SLA was also there as guest of W4YPA and told of his experience with FCC having retired Aug. 1971 after forty years of service. Paul and XYL, Jerry are enjoying retirement and plan a trip to Alaska next year.

Think positive for 1972 and may it be the best ever. Make it another great year to be alive.

## FLORADORA NEWS

By Charlotte Frazier, WB4PEL

HAPPY NEW YEAR! Hope you all have made your resolutions and to date haven't broken any.

One of those resolutions I hope you will keep is to be on the air during FLORADORA WEEK (Jan. 9 thru 15). Remember to help everyone get those certificates!

Cathy, W4BAV and her OM were in an

auto accident before the holidays. Sure hope she is feeling OK now and her accident doesn't ground her for long.

Fran, W4BIL and her OM were down with a serious cold which they brought back from Mississippi. The annual Christmas get together that was to be at Fran's had to be cancelled. Hope Fran & Bill were well enough to enjoy the holidays.

## H.A.R.S.

Wayne Tope, WB4TUP

At our last meeting of HARS, Mr. Walter Hudson from Tampa Electric Co. presented a program on electrical interference. It was enjoyed by all.

The new HARS offers are Gene, W4YNNW, President and Editor of SLANT HARS; Don, K4EDA, V.P.; Wayne, WB4TUP, Secretary and SKIP Correspondent and Ralph, WB4RCQ, Treasurer.

Glad to hear Ralph, W4TUL, is back on the air after rig problems.

It looks as if HARS is beam crazy with the following new beams put up: WB4RCQ, W4TUL, WB4TUP and W4SAF.

K4EDA is going to teach a general theory class in the very near future. All are invited to attend. For further info contact Don, K4EDA.

We want to encourage all members and area hams to attend our meetings. See you next month.

## BROWARD A.R.C.

Jim Wilson, W4GDK

Under the leadership of our new President Larry Young, the Executive Committee has already had two busy meetings planning the year ahead. With the great success of the Club's Christmas Party we feel sure of a fine Club program in '72. President Young is sending to all members a questionnaire to determine what are the main interests of the members so the club activities can be directed accordingly. He wants to know what bands we're most interested in, mode, DX, traffic or experimentation.

The program for our February meeting on Feb. 9 will be a talk by Jim Penny of Dycom Corp. on "VHF - FM." Don't miss it.

We all were sorry to hear of the recent surgery and hospitalization of Clair Christian. We surely hope he gets fixed up fine and will soon be back with us.

BARC is for any one in Broward County interested in ham radio. We would welcome a visit from you at 2020 South Andrews Ave., Ft. Lauderdale the second Wednesday of the month at 7:30 PM.

Come and join us.

## FLORIDORA NEWS

By Charlotte Frazier, WB4PEL

My New Year's Resolution is to try to gather more news. So far it hasn't been too successful.

Received a very interesting letter from W4JMM, Annette about her exciting trip to Africa. She and her OM Tommy, W4CWV flew from Miami - London - Johannesburg and finally to Capetown. In Rhodesia she visited with ZELJE, Molly. In Nairobi she met Z4ERR, Robbie. She took many pictures throughout her trip. We're looking forward to seeing them at the next get-together.

Hope Cathy, W4BAV and her OM have recovered from their auto accident.

## TAMPABAY REPEATER ASSOCIATION

By Richard Beale, W4ZYU

The new year has brought with it several changes to the TBRA. The first is myself, the newly appointed Florida Skip Correspondent, who will endeavor to keep you all abreast of our club's progress and new highlights.

Nominations were held at the December meeting for the 1972 slate of officers who will have been installed by the time of publication. On behalf of the club I'd like to pass along a hearty thank you for a job well done to our outgoing officers, who contributed greatly to the club's advancement throughout the year.

With the new year upon us, we find the club minus several fine members. Don Wilson, WB4NDG, has returned to Oklahoma. Ken Kopp, W4HAA, our past president, has also moved to Oklahoma.

Ken will really be missed at TBRA. Ken put a lot of time and effort into the Association, and did most of the mechanical work on the club's "third generation" repeater. In addition, Ken and his lovely wife, Rose, devoted several evenings each month to mail out our club newsletter, "QSP."

With Ken's departure, Bob Gunther will assume the duties of club trustee, and yours truly will take over publication and mailing of QSP.

That's all for this month. Be sure to check the club's "Directory" listing for the new meeting location, in the WTVT Conference Room.

## ORLANDO ARC

By Herb, W4LSK

Our Christmas party was the greatest, with 92 attending. The Inn was charming, the food was good and those attending are the nicest in Central Florida, ham radio operators.

The movie "Hans' Wide World" was shown on Orlando's WDBO-TV channel 6, on December 26th through the efforts of Strom W4WLX.

Great news to our many club members who have been bitten by the 2 meter FM bug. A local electronics manufacturer is in the process of designing and building a completely transistorized repeater station for us. More about this later.

D.B. W4E2C joined his son in Arkansas for the duck hunting. He reports few ducks but a great time. Don Putteef who joined our club in July as an associate member is now W4WWH. Nice going Don Mike, who was W4RYA is now W4RYA and a General.

W4ZVV and his XYL spent Christmas in New Smyrna with their daughter and her family.

Nat, W4VSO and Caddy, W4ASH were both elected to office in the Knights of the Kilozyklus. He is the new Master Oscillator and she is the new Speech Amplifier.

Writing this column at the end of the old year, your reporter wishes you all a healthy and Happy New Year and thanks to the paltry few who helped me gather news since I was shanghaied into this job.

## SARASOTA A.R.S.

Cathy Sochi, W4BAV-ARNS

Sarasota Amateur Radio Assoc. elected officers for 1972 are: President, WB4IS2, Jim Hall; V-Pres., K4DYB, "Ozzie" Osborn; Sec'y., WB4AQV, Harold Kabbjohn, and Treas., WB4PIB, Walt McLennan. Appointed - Field Day Committee: WB4LYU, Jim Cain; K4DYB, "Ozzie" Osborn and WB4JFK, Bill Dougherty. Entertainment: WB4AQV, WB4PIB and W400U, Jim Cook.

W4TV, Charlie Whysall was featured speaker on "Amateur Radio Antennas." Charlie, a retired Chemical Engineer, besides being a ham since 1919, is a pilot having started with the "Jennys" in 1929, with a total of 11,000 hours flying time. He related how the Window Antenna was created and gave details on putting one up. Many ideas and points were clarified on various kinds of antennas.

The Code & Theory Class is progressing with attendance around 90. Looking forward to many new hams. Congratulations to WB4LYU, Jim Cain, Code Instructor and K4DYB, "Ozzie" Osborn, Theory Instructor.

All are welcome to attend the monthly club meetings the 3rd Tuesday of each month; each member should bring a

(Continued on Page 9)

## February Specials at THE HAM SHACK IN SARASOTA



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(Continued from Page 7)

friend and PLEASE supply me (your requester) with news. Remember this is YOUR Club and YOUR column

## SUNCOAST ROVING REPORTER

By Cathy Sochi, W4RAV-ARMS

St. Petersburg Radio Club (SPARC) held their Installation Dinner, Jan 7th, at the Princess Maritza Hotel. Installed were: Pres., W4CXL, Jack Paulsch; V-Pres., K4PGW, Janice Keyes; Sec'y, Treas., W4TDR, Naomi Spence. More details on this later.

Regret to report W4HJ Jack Green (better known as Old Honest John) joined the Silent Keys, Jan. 5th. He will be greatly missed as he could always enliven a QSO, injecting his dry humorous remarks; was a wonderful MC and assisted clubs in

many of their activities.

W4KTR, Earl and W4WFD, Shirley 1M1 were happy to have son, Russell, home for the holidays, which was in the interim of his transfer from St. Thomas, V.I. to Jacksonville.

W4EGQ, Donald Dickinson and KYL, Piedad were in a severe auto accident and though home, Don has his leg in a cast and Piedad is still under the weather.

W4CZS, Jack Whitely should have some interesting experiences to tell about his recent trip to East Africa.

W4H7H, Ed Kemler recuperating from recent surgery.

W4G1U2, Carl Forsberg on the QST Honor Roll with 26 countries confirmed. Congratulations!

W4DX, Robert Dennison, ARRL Pres. & SPARC member, was injured while erecting a tower at his new home, with a resulting infection that curtailed his activities.

## "VHF'ERS COLUMN"

Frank Sharons, K4GT

"QST" — years ago, in the early wireless days of spark radio telegraphy, the signal "QST" was an Internal "Q" Signal Abbreviation, meaning "General Call to All Stations." It preceded all broadcasts of weather, warnings, to vessels, of storms, hazards, "News-Press" time signals, etc. Today it is replaced by the signal "CQ." However, it is still used as the title in HQ ARRL monthly amateur magazine, "QST." Speaking of QST, if you will look in the Silent Keys listings in December, 1971

does you will read of your Scribe's demise! ("Someone, evidently, desires K4GT's column." So, your Scribe is ghost-writing this column.) And, you've now contacted your most distant DX on VHF! Your Scribe hopes the union person responsible reveals in the shack he gave relatives and friends! The postcard received by HQ AEHL was signed K4LFE — there is not such a call-sign in current FCC listings! What next?

"PUBLIC SERVICE" — some fifteen VHFers, mobile on 2 Meter FM, spread themselves along a 27 mile hike route in and around Tampa recently held in the metropolitan area. Some 700 on-foot walkers participated in this march, "Tampa Walk For Development." Approximately some 200 walkers successfully completed this marathon in call attention to need of the treatment of drug addicts. Many of those starters required medical aid enroute — some

## OHMS LAW THE EASY WAY By Allen Ward, K0BDD From BARC & HHS Flyer.

Newcomers to Electronics, and some even not so new, are frequently confused over the various applications of the Ohms Law Formula.

Years ago an electronics instructor taught me the following simple method for very easily keeping it all

straight. Simply memorize the following four numbers, and four letters, in the order given. The numbers are: 3, 5, 15, and 45 and the letters are: I, R, E, and P. Nothing more to remember. The remainder takes care of itself, automatically showing you when and what to divide or multiply.

Let me explain. The letters "I", "R", "E", and "P" represent the symbols for current, resistance, voltage (e.m.f.) and power, respectively. Thus we have a sample problem, or mathematical description of a circuit in which 3 amperes of current are flowing through a resistance of 5 ohms, at a pressure (or e.m.f.) of 15 volts, resulting in a power consumption (or dissipation) of 45 watts.

If we take a second look at these figures we immediately notice that they became a simple mathematical relationship to one another. 3 times 5 is 15; 3 times 15 is 45; 15 divided by 5 is 3, etc.

Now what makes it easy is the fact that any problem in Ohms Law will always follow this same pattern. Therefore, whenever any two circuit values are known, we only need think back to our sample problem in order to determine the correct mathematical procedure to follow.

For example, suppose we have 45 ohms of resistance connected across a 9 volt source, and we desire to know how much the value of the current flow is. Referring to our example, we had 15 volts, and 5 ohms, to produce a current of 3 amperes. 15 divided by 5 gives us 3. Doing the same with our new problem, we divide 9 volts by 45 ohms and arrive at the same answer of 0.2. This is the value of the current flow . . . 0.2 amperes or 200 milliamperes. To determine the power dissipation in this new circuit, a reference to our original example shows us, we must multiply 0.2 amperes times 9 volts, which gives us 1.8 watts.

Make up a few trial problems and work them out. Once you get that 3, 5, 15, 45 . . . I, R, E, P, example firmly in mind you should never again have any trouble with OHMS LAW.

required transportation home — this was arranged by these aforementioned mobile 2 Meter FM equipped vehicles. K4HML, Jim Hinchee, Tampa participated and informed this Scribe, Kudos to all! This type of public service will enhance our amateur standing!

WELCOMER to W4SGT, Rick Nelson, Ft. Myers, with his new Scan 3 Mtr FM Scanner — we had a QSO with him on 146.94 recently — approx 125 miles! Welcome to another newcomer to 6 Mtr SSR, W4WXX, Dave, Englewood. He joined the daily Medicare Net, 20,000 MHz, SSR, 9:30 AM EST, mostly retirees. This net welcomes the old and the young!

Recently, at the Tampa Hamfest, W4GQ, a member of Ester Chapter, QCWA, won the Tampa Bay Reporter Association's prize-drawing of a Regency HV-2 cigar-box sized 2 Mtr FM Scavenger. You can now hear Dave on 146.94, etc. His QTH is St. Petersburg.

Remember to tell your friends in subscriber to SKIP C U Next SKIP  
Frank, K4GT

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W4EHW



## HANNA HINTS By Ralph Hanna, W8QUR

(Ed. Note: This one appeared in the Ham Shack Gossip. Ralph says this was taken from an advertisement by Technology Incorporated, Dayton, Ohio.)

1. How many birthdays does the average man have?
2. Do they have a Fourth of July in England?
3. If a doctor gave you three pills and told you to take one every half hour, how long would they last?
4. If you had only one match and entered a room in which there was a kerosene lamp, an oil heater, and a wood stove, which would you light first?
5. How far can a dog run into the wood?
6. Take 2 apples from 3 apples, what do you have?
7. What is the minimum number of active baseball players "on the field" during any parts of an inning? How many "outs" in each inning?

- ANSWERS TO QUIZ
1. One
  2. Yes
  3. One hour
  4. The match
  5. Halfway
  6. Two apples
  7. Ten-six
  8. While Polar Bear
  9. Nine
  10. 50c, 5c. One is not a nickel.
  11. Beggar is a woman.
  12. Your egg. You are driver.
  13. One hour

## FROM HERE 'N THERE

Enjoy the pub very much. Best to gang, WB4BXJ, Ocala ... How can you improve perfection? WB4ERH, Cocoa ... Keep up the good work gang, K4FCS, Orlando ... NUTS, W4BCZ, Lake Placid ... All FB, Keep up the swell job, K4DRH, West Palm Beach ... Find the Florida Skip very interesting, WA8HFV, Livonia, Mich. ... No Complaints, fine mag, K4MFF, Largo ... We are grateful to you and staff for a very fine magazine for Florida ham radio, WB4JLO, Lehigh Acres ... My ship SS was sunk this August in Qui Nhon, Vietnam. Am afloat again now. Will reboard next year in far east. Regards to gang, WB4JPP-W9ADT-MM, West Palm Beach

Thank you for your remarks folks.  
Editor.

## PHONEY PHONETICS

K4IQS—Iodine Quinine Strict-nine  
K4SOC—State Of Confusion  
K4BOO—Big Ole Operator  
W4TAS—Tired And Shaky  
W4FJE—Fast Jet Engine  
W4UHC—Uncle Henry's Charliehorse

8. A man builds a house with four sides to it, and it is rectangular in shape. Each has a southern exposure. A big bear passes the house. What is the color of the bear?
9. A farmer had 17 sheep, all but 9 died. How many did he have left?
10. I have in my hand two U.S. coins which total 55 cents in value. One is not a nickel. Please bear that in mind. What are the two coins?
11. A woman gives a beggar 50 cents. The woman is the beggar's sister but the beggar is not the woman's brother. How come?
12. You are the driver of a bus that can carry 48 seated passengers and 16 standing passengers for 500 miles. How old is the bus driver?
13. If you went to bed at 8:00 p.m. and set the alarm to get up at 9:00 in the morning, how many hours of sleep would this permit you to have?

(VIA ARNS BULLETIN)

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## FLORIDA FAANET

George E. Cooper, W4EH  
W4JVA, Paul Colby did a wonderful job on the new roster list of FAA net members. This list is available from W4JVA, Paul Colby, 16 Carnelia Drive, Drennon Beach, Florida 32874. (ph. S.A.S.E. large business envelope).

I would like to welcome the following

**DADE COUNTY  
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PUBLIC SERVICE  
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**MEETINGS**  
**FOR**  
**DETAILS**

recent new check-ins:

W4ICP, Jim Tharber, Baynton Beach;  
W4GYY, Gray Pringle, Ft. Walton;  
W4LYP, Pete Spittel, Key West;  
NP4DGO-4, Ralph Moulton, Jacksonville;  
and W84VMP, Sy Greensburg, Sanford, Fla.

W4WQ, John Zwaska has recently moved into his new winter home at Punta Gorda. John had to leave his boat the Buick IV at Shalimar. This has to be a big let down for John as he sure is some kind of good fisherman.

I want to remind all CW traffic hounds or any one interested in traffic work of the GATOR NET. We have reasonable good coverage but we can always use additional outlets. We urgently need stations in the West Florida Pan handle area. The Gator net operates daily 8:30 AM 1330 GMT, 7115 KHz. W4IA net manager will make you welcome.

K4MY, Floyd Lindsey has ordered the Heath SB320 linear and should have it on the air soon. WB4BZW, Bill Smith also with the SB320 and has a beautiful signal.

W4EH wishes to extend an invitation to all past net members and any FAA ham to drop by the FAA RETIREE NET each Sunday 7200 KHz 1400 GMT - 9:30 AM.

## GATOR NET

Ev. W4IA

This month we take a look at our overall performance for 1971. An otherwise excellent GN year was marred by the passing of two of our most faithful members - W4EHW in April and K4KO in August. But their spirit is still with us.

Eight stations qualified for GN certificates during 1971: W4EJH, WB4BHL, W4ILE, K4MY, W4NTE, WB4OBB, WB4OMG, and WB4QVO. Other holders of GN certificates are WB4ATW, W4BEM, WB4QW, K4CCO, W4DVO, WB4FLW, K4FQP, K4GJ, WB4HKP, W4IA, W4LJH, W4LJK, K4JWM, W4RHA, W4SCK, K4SJH, and W4YFX.

GN held 365 sessions in 1971. Landing all others in high QNIs was W4BEM with 347, followed by W4IA 306, W4DVO 281, K4FQP 276, W4SCK 266, W4EH 259, WB4ATW 223, W4YFX 221, K4JWM 220, W4RHA 190, W4LJH 154, W4DVO 40, WB4LJW 37, WB4HML 138.

The success of any net depends in great measure on the caliber of its net control stations. We in GN were particularly fortunate in 1971 to have topnotch operators filling the NCS slots. Those holding forth for the number of sessions shows were K4JWM 75, W4YFX 43, W4LJH 41, W4DVO 40, WB4LJW 37, WB4W4 27, WB4ATW 25, W4SCK 14,

WB4QVO 13, WB4OMG and W4IA 11, and K4SJH 3.

As an indication of the daily activity level of GN during 1971, here are the averages for the 365 sessions: QNI - 123, QTC - 8.4, Time - 30.4 minutes.

We are looking forward to an equally rewarding 1972. We welcomed several newcomers in 1971. Let's have even more in 1972.

## FLORIDA MIDDAY TRAFFIC NET

Herb, W4LSR

All is calm and peaceful on the net after a busy holiday season. Most of our travelers are home. Jim, W4GDK has been back a few weeks and helped out as NCS. So has Al, WB4AHD, who recently re-joined our net, and Mac, W4FPC who is always ready to hold out. We have also heard Charlie, W4AKB and Bill, K4GJ. The one

we miss is Kelley, W4FJA whose healing process is slow. We all wish you the best Kelley, and hope you will be back to normal soon. Joe, WB4FGH also had surgery and is on his way to recovery.

Clyde, W4SDR, heard from Herb, K4DAK, our former Asst. Net Manager who has retired to a cottage on the shores of Lake Lyndon B. Johnson in Texas. Herb reports he is well and busy on the Ham Bands.

Net, W4VSO, has been elected Master Oscillator of the Knights of the Kilocycles. Congratulations Nat!

Glenn and I don't expect to make it to the Miami Hamboree this year so we hope to see you all in Orlando at the Hamfest in May.

Our net held 22 sessions in December. Our stations handled 44 pieces of traffic. Average stations 33.8 and average traffic 15.4.

## TOP TWENTY TRAFFIC TAKERS

W4ILE

1. W3CUL-4	4779	11. W4DQS	349
2. W3VR-4	762	12. W4NBT-4	253
3. W4LJH	666	13. W4LDM	243
4. WB4OMG	524	14. W4FPC	232
5. WB4NCH	433	15. WB4SBD	170
6. W4ILE	423	16. W3FBN-4	167
7. WB4HKP	410	17. K0BAD	131
8. WB4QVO	386	18. W4SDR	127
9. WB4ATW	370	19. W4DVO	123
10. K4FAC	327	20. WB4PNG	110

## TRAFFIC HOUNDS

By W4ILE

NET	QNI	AVG	QTC	AVG	SESSIONS
QFN	1050	17.0	994	16.0	62
FMTN	908	33.6	416	15.4	27
GN	453	14.8	350	11.3	31
TPTN	367	14.1	187	7.2	26
FAST	809	30.0	174	6.4	27
FPTN	439	16.9	157	6.0	26
QFTN	134	4.3	42	1.4	31
VEN	183	6.0	11	6.4	30
WFPN	758	—	71	—	31



SON AND FATHER TEAM, Paul, WB4MKB (Advanced) and Cel Hernandez, K4PY (Ex-CO2DB and WB4LJG) of Miami. Both work all bands from 160 to 10 meters. Paul, active since his 12th birthday, now 15, likes DX, Contests and building antennas. CY is QCWA member in the SE Chapter.

**NORTH FLORIDA  
AMATEUR RADIO SOC.**  
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**W4IZ**  
**MEETS**  
**2nd THURSDAY**  
**AT 7:30 P.M.**  
**DUVAL CO HQTRS.**  
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**JACKSONVILLE, FLA.**

## FLORIDA QSO PARTY

ONCE AGAIN Florida Skip will sponsor the Florida QSO party. Mark down the dates of April 1st and 2nd. Rules will be about the same except delete the Florida Multi-Operator trophy and add Club aggregate Score trophy. This year's QSO Chairman, Charlie Trice WA4RRB of North Miami, will use the 8th Annual Florida QSO Party will be run through the computers which should

## 1972 TECHNICAL AND SCIENTIFIC BOOK CATALOG AVAILABLE

Howard W. Sams & Co. Inc. this month announced publication of its 1972 Technical and Scientific Book Catalog. The 96-page catalog describes

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over 800 hardbound and paperback books which cover virtually every technical and scientific discipline.

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Vocational educators and industrial training directors will find lexbooks, audio visual materials, instructor's guides and student workbooks in the

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The titles which range from ABC's OF AIR CONDITIONING to WRITER'S AND EDITOR'S TECHNICAL STYLEBOOK are available through electronic parts distributors and bookstores or directly from the publisher Howard W. Sams & Co. Inc. 4300 W. 62nd Street Indianapolis, Indiana 46268.

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## COMPUTER CONTROLLED QRM OR AMATEUR RADIO SCIENCE FICTION

By H. Alan Harp, WA4SVH

One day after waiting through a pile up for more than two hours to work Andorra, I suddenly realized that I already had worked it several years ago and already had DXCC credit for it. I had spent all that for naught.

This set me to thinking about what to do to prevent this fiasco from occurring again. Such frustrations often lead me to violence where I take my D104 and smash out the glass of the dial and meters of all my equipment and after beating the XYL and the harmonic, I suddenly come to my senses when the dog is attacking me.

Since the whole thing stems from my lousy memory (what did you say your name was?) I decided to buy an electronic memory. I decided to buy a Wambat II minicomputer, a new device with LSI, MSI and 80K memory. (I think the LSI means lot of stuff inside and MSI means more of the same inside.) This, along with a two finger teleprinter allowed me to data log all my station records. Now I have stored programs where I can type in any prefix or call and it will print out the date, time and frequency of past QSO's along with name and QTH.

Now I could tell a fellow whom I had previously worked his name before he tells me and when we worked before and on what frequency. I also didn't sit through any more pile ups to work countries, counties or states I already had confirmed because I could query the computer of the DXCC status of all countries.

All this left me with a lot of time on my hands to play with my computer. Storage soon became a problem and a couple of disc packs were added. Since I like to work CW I developed a programmable keyer and programs that would call CQ automatically. This was followed by a CW receiver decoder which would print out CW characters as they were received. This was followed by programs that would automatically store name, QTH, time and frequency in the log memory. Another program that could

be called in at the touch of a button would answer saying "TXX NAME, INSERTED for QSO from QTH INSERTED best 73's hope to wrk usgn. CALL INSERTED DE WA4SVH SK."

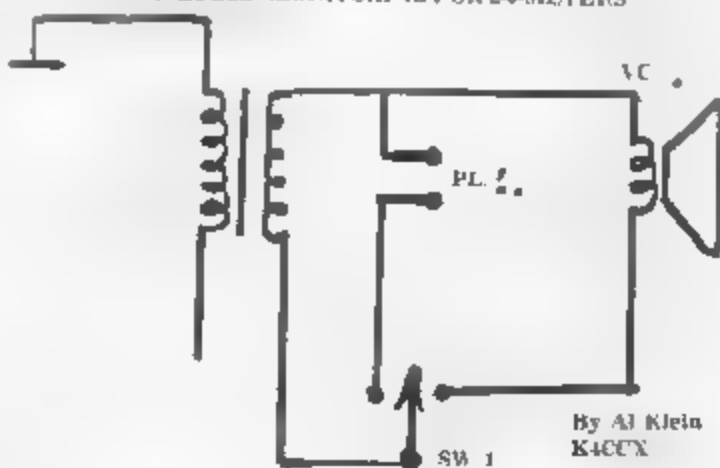
Now I am sitting back having push button QSO's which left me with still more time to think of ways to automate the shack. A programmable VFO was designed followed by a complete system of servo mechanisms hooked up to tune the transmitter.

Now a program was written to sweep the band looking for rare DX and the other CQ's in that order. When a rare DX station was sensed the VFO would lock on it and the transmitter would automatically call in every time it stood by regardless if it was the end of the QSO or not. The DX stations would soon work me in order to get rid of me.

Now I could program the station to keep working even after I hit the sack. I can just get up in the morning and read a printout of what I had worked last night. I soon had worked all the countries in the United States, as well as over 300 countries. I entered the CW DX contest and beat the West Palm Radio Clubs Multioperator entry. This gave me endless satisfaction.

About this time the XYL woke me up and demanded to know what I was smiling about.

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PL PILOT LIGHT

By Al Klein  
K4CCX

The simple circuit here can be used on any receiver. This device enables one to monitor any frequency without having to listen to static, VHF hiss or other electrical noises.

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Mailing Address: P.O. Box 8672  
Ft. Lauderdale, Fla. 33319 More info, call  
771-4143, 594-7088

**LAKE AMATEUR RADIO ASSN., INC. W4YKY**  
Meets each Thursday 8:00 P.M. EST  
Clubhouse, Springdale Ave.,  
Beeville Pk., between Leesburg  
and Tavares, Florida.  
Mail to: O. A. Thompson, K4LY, Secy.  
Rt. 1 Three Lakes, Umatilla, Fla. 32784  
Telephone 904-357-5149

**HILLSBOROUGH AMATEUR RADIO SOCIETY, INC. W4GJJ**  
Meets 4th Tuesday, 7:30 P.M.  
Odd Fellows Temple  
620 Nebraska Ave., Tampa, Fla.  
Mail to: P.O. Box 8002, Zip 33604  
(78612) Visitors always welcome.

## THE SCMs CORNER

By W4ILE-E FLA SCM

**THIS MONTH** a few words regarding ARRL STATION APPOINTMENTS. Amateur licensees who are FULL ARRL members and hold the required grade of license are invited to contact me to take on "station" appointments along the lines of your special interest.

At the present time, in the Eastern Florida section, appointments are open to amateurs interested in traffic handling — OPS ORS, VHF operating — OVS, and limited appointments are available in the observer-monitoring — OO, and transmitting bulletins to all amateurs — OBS.

All appointees receive handsome certificates from the SCM and are entitled to wear ARRL membership pins with the distinctive BLUE background. All SCM appointees are required to SUBMIT MONTHLY REPORTS to the SCM in order to hold their appointments, to keep their stations active on the air, to follow ARRL operating practices and to take part in ARRL on-the-air activities to the extent practical.

The MONTHLY REPORT is the criterion of activity. An appointee who misses THREE consecutive monthly reports is subject to cancellation by the SCM, who cannot know what or

**DADE RADIO CLUB, INC. (W4NVU)** 1st & 3rd Tuesday.  
Museum of Science 5 p.m.  
3200 So. Miami Avenue  
Miami, Florida  
Mailing address: P.O. Box 73  
Biscayne Annex  
Miami, Florida 33132

**ST. PETERSBURG AMATEUR RADIO CLUB, INC. W4GAC**  
Meetings: 1st Friday

## FROM FCC

On October 21, 1971, the FCC denied the application of an applicant for an Amateur Radio station and operator licenses.

The applicant, who in the past had his Citizens Radio Service license revoked and who had engaged in unlicensed operation of a radio transmitting apparatus after the revocation, was turned down on the grounds that "... his misconduct demonstrates that he does not possess the requisite character qualifications to be a licensee, and that the public interest would not be served by the grant of an Amateur radio license to him."

Another FCC statement said "... It is clear that he lacks the integrity deemed necessary in an applicant for a license in the Amateur Radio Service."

(From Dec. WORLD RADIO)

how much you are doing if you do not tell him. An appointee whose appointment is cancelled for this or other reasons must earn reinstatement by demonstrating his activity and adherence to the requirements. Reinstatement of cancelled appointments, and indeed judgment of whether or not a candidate meets the requirements, is at the discretion of the SCM.

Application forms are available for the asking — CP181 — from W4ILF. Or let's talk about it on the air. Clyde, W4SDR on 40 and Bill, W4OGX on 75 will be glad to give you details on the Official Phone Station appointment and either Dan, K4EHY and Buddy, WB4QMG will answer any questions regarding Official Relay Station appointments.

**Pinellas Community Service Center**  
2609 - 9th St. N.  
Mailing address: P.O. Box 4020  
For information phone: 468-7196 or 665-4367

**ORLANDO AMATEUR RADIO CLUB, INC. W4PLH**  
3rd Wed., 8:00 p.m.  
First Federal Savings & Loan  
on Edgewater Drive, Mailing  
Address: 8224 Clarlin Parkway,  
Orlando, Fla. 32807  
1 Meter Net—145,250 kHz  
Mon. 7:30 p.m.  
More info: call 277-0638

**FLORIDORA YLs (W4FE)**  
All licensed Florida YLs invited to join.  
Mailing Address:  
W4KOH—Ernie McMasters  
Rt. 1, Box 351  
Lake Placid, Fla. 33850  
14002 on 3935 Tues.

**DADE COUNTY AMATEUR RADIO PUBLIC SERVICE CORPS. W4HWH**  
Meets every 2nd and 4th Thurs.  
Pace High School - 7:15 PM  
15600 NW 22nd Ave., Miami.  
Service to the public is our constant concern.

**TAMPA AMATEUR RADIO CLUB, INC. W4DUG**  
Meetings: 1st & 3rd Mondays  
7:30 p.m.  
Club House: Davis Islands,  
Columbia & Barbados  
Mailing Address: 543 Cassimeron Ave.,  
Tampa, Fla. 33603

**SARASOTA AMATEUR RADIO ASSN. INC.**  
Meets 3rd Tuesday of each month  
8 p.m.  
At Sarasota Federal (S. Gate Branch)  
Club Call W4E in memory of Charlie Service.

**WEST PALM BEACH AMATEUR RADIO CLUB, INC. W4HAW**  
P.O. Box 654  
Southborn Station  
West Palm Beach, Florida 33405  
Meetings: First Wednesday of each month—7:30 P.M.  
825 Newark Street  
West Palm Beach, Florida 33401  
Information: Call 833-4775, 582-2337.

**SOUTH MIAMI RADIO CLUB, INC.**  
K4JVA 1st Fri., 8 p.m.  
Coral Gables Police Station  
265 Aragon Avenue  
More info call:  
443-4302

**DAYTONA BEACH AMATEUR RADIO ASSOC. K4BY**  
Meets 3rd Mon. each month  
1st Fed. Bank Bldg.  
501 N. Grandview  
Mail: P.O. Box 4008  
Daytona Beach, Fla. 32015

## SILENT KEYS

We are sorry to report the following amateurs:

W4OHJ, Jack Greene, St. Petersburg.

W4ECM, Ballard S. Edgar, DeFuniak Springs.

WB4JLR, Paul H. Smith, Pinellas Park.

W4OU, Lewis T. Gifford, Pensacola.

W4TBY, Thomas S. Kerma, Neptune Beach.

W4BNH, Hal Farney, Crystal River.

**PLAYGROUND AMATEUR RADIO CLUB**  
Mailing address: P.O. Box 873  
Ft. Walton Beach, Fla. 32548  
Meetings—Social Meeting 1st Thursday,  
Business Meeting 3rd Thursday.  
Meet at the old Police Station on 1st St.

**HOLLYWOOD AMATEUR RADIO CLUB**  
3rd Monday of month at 8 p.m.  
Science Lab, Chaminade High School  
512 Ave. and Johnson St., Hollywood  
Mailing Address: P.O. Box 6304,  
Hollywood, Fla. 33021 WD4TON  
Visitors always welcome.

**FORT MYERS AMATEUR RADIO CLUB**  
Meets 1st Wednesday of month at 7:30 p.m.  
First Federal Savings & Loan Assn.  
Pondella Road (SR 78-A)  
North Fort Myers  
Sec: 190 Meis St., Fort Myers, Fla. 33605  
664-3564

**BRANDON AMATEUR RADIO SOCIETY WB4RNC**  
Meets second Mon. 7:30 P.M.  
First Federal Hospital Room  
420 Brandon Blvd. (Highway 60)  
Mail Address: P.O. Box 828,  
Brandon, Fla. 33511 Phone: 689-2816

**NORTH FLORIDA AMATEUR RADIO SOCIETY W4IZ**  
2nd Thursday, 7:30 P.M.  
Duval CD Headquarters  
167 Market Street  
Jacksonville, Fla. 32202

**CLEARWATER AMATEUR RADIO SOCIETY**  
Meets 2nd and 4th Tuesdays at 7 p.m.  
at Florida Power Linemen's Hall,  
2166 Palmetto St., Clearwater.  
Pres. Norman Meeker, WB4GYB  
Visitors warmly welcomed.

**TAMPA BAY REPEATER ASSOCIATION WB4HAE**  
Meets second Tuesday each month at 1930  
WTWT STUDIOS  
3213 W. Kennedy Blvd.  
Tampa, Florida  
Mail to P.O. Box 2812,  
Tampa, Florida 33601  
Phone: St. Petersburg 147-2770

## MY CALL IS W0DX

By Jim Wilson, W4GDK

Bob Greenfield, WB4QVB, Vice President of St. Pete A.R.C. had to preside at the last meeting of the Club in the absence of the Club President.

There was the usual call for anyone who would like to join SPARC. A gentleman stood up and said quietly, "I'm W0DX and I'd like to join the Club."

Trying to be helpful, Bob answered, "Very fine, and if you will just complete our application and pay our modest dues you can qualify for membership."—Then he added: "With a two letter call like that, you can probably secure a similar one down here." Can you imagine the color of Bob's face when he discovered the next day that their quiet applicant was none other than Bob Denniston, W0DX, President of ARRL!

# CENSUS OF AMATEUR RADIO LICENSES\* IN THE U.S.A.

by classes, within states and call areas

## callbook

Call Area	State	Novice	Tech-nician	Con-ditional	General	Advanced	Extra	Club	Military	State totals	YL's (Included in state totals)
#1	Conn.	417	690	720	1,669	947	248	77	9	4,777	166
	Maine	90	115	532	382	294	81	16	3	1,513	61
	Mass.	639	2,936	565	3,962	2,053	476	125	21	10,777	434
	N.H.	95	399	193	577	286	68	26	3	1,647	77
	R.I.	60	444	109	553	250	59	21	5	1,501	69
	Vermont	59	80	213	166	128	29	11	2	688	42
		<u>1,360</u>	<u>4,664</u>	<u>2,332</u>	<u>7,309</u>	<u>3,958</u>	<u>961</u>	<u>276</u>	<u>43</u>	<u>20,903</u>	<u>849</u>
#2	N.J.	912	3,154	362	4,794	2,636	654	169	10	12,691	324
	N.Y.	<u>1,982</u>	<u>5,586</u>	<u>794</u>	<u>8,851</u>	<u>4,548</u>	<u>1,046</u>	<u>343</u>	<u>37</u>	<u>23,187</u>	<u>725</u>
		<u>2,894</u>	<u>8,740</u>	<u>1,156</u>	<u>13,645</u>	<u>7,184</u>	<u>1,700</u>	<u>512</u>	<u>47</u>	<u>35,878</u>	<u>1,049</u>
#3	Del.	76	115	36	269	137	32	11	2	678	19
	D.C.	36	60	21	181	130	49	18	7	502	6
	Md.	462	792	248	2,037	1,284	342	67	26	5,258	140
	Pa.	<u>1,286</u>	<u>3,576</u>	<u>769</u>	<u>5,756</u>	<u>2,737</u>	<u>624</u>	<u>220</u>	<u>31</u>	<u>14,999</u>	<u>497</u>
		<u>1,860</u>	<u>4,543</u>	<u>1,074</u>	<u>8,243</u>	<u>4,288</u>	<u>1,047</u>	<u>316</u>	<u>66</u>	<u>21,437</u>	<u>662</u>
#4	Alabama	292	597	689	1,195	580	123	25	17	3,518	143
	Florida	780	1,724	1,758	3,757	2,605	527	109	23	11,283	451
	Georgia	306	538	808	1,370	717	169	45	14	3,967	106
	Ky.	268	425	460	737	454	95	31	9	2,479	73
	N.C.	390	589	903	1,396	824	167	44	12	4,325	146
	S.C.	173	160	861	451	311	85	17	14	2,072	67
	Tenn.	350	1,049	580	1,362	866	180	48	8	4,443	151
	Va.	401	819	783	2,047	1,254	344	55	35	5,730	125
		<u>2,960</u>	<u>5,901</u>	<u>6,842</u>	<u>12,315</u>	<u>7,611</u>	<u>1,690</u>	<u>374</u>	<u>132</u>	<u>37,825</u>	<u>1,262</u>
#5	Ark.	194	282	373	490	368	75	25	9	1,816	89
	La.	289	407	624	1,061	628	131	36	15	3,191	112
	Miss.	110	136	416	460	297	42	10	3	1,474	46
	N.M.	133	165	529	355	366	107	19	12	1,686	65
	Okla.	339	642	464	988	700	124	38	38	3,333	150
	Texas	<u>1,233</u>	<u>2,497</u>	<u>2,869</u>	<u>4,653</u>	<u>3,087</u>	<u>634</u>	<u>156</u>	<u>55</u>	<u>15,184</u>	<u>734</u>
		<u>2,298</u>	<u>4,129</u>	<u>5,275</u>	<u>8,007</u>	<u>5,446</u>	<u>1,113</u>	<u>284</u>	<u>132</u>	<u>26,684</u>	<u>1,196</u>
#6	Calif.	<u>3,050</u>	<u>7,980</u>	<u>3,524</u>	<u>14,138</u>	<u>9,487</u>	<u>1,804</u>	<u>506</u>	<u>102</u>	<u>40,591</u>	<u>1,455</u>
#7	Arizona	261	663	597	1,049	793	151	30	23	3,567	168
	Idaho	111	62	434	161	212	33	13	0	1,026	54
	Montana	123	54	587	142	162	48	16	5	1,137	54
	Nevada	71	116	422	158	184	29	13	6	999	56
	Oregon	508	535	826	1,418	946	159	55	12	4,459	234
	Utah	222	241	167	463	281	51	17	11	1,453	58
	Wash.	779	1,018	1,218	2,425	1,550	311	76	20	7,397	385
	Wyoming	62	32	222	97	76	23	16	4	532	25
		<u>2,137</u>	<u>2,721</u>	<u>4,473</u>	<u>5,913</u>	<u>4,204</u>	<u>805</u>	<u>236</u>	<u>81</u>	<u>20,570</u>	<u>1,034</u>
#8	Mich.	1,179	2,705	972	3,903	2,019	316	136	11	11,241	408
	Ohio	1,629	5,122	644	5,513	2,719	471	210	18	16,326	600
	W.Va.	200	351	177	640	280	75	16	5	1,744	49
		<u>3,008</u>	<u>8,178</u>	<u>1,793</u>	<u>10,056</u>	<u>5,018</u>	<u>862</u>	<u>362</u>	<u>34</u>	<u>29,311</u>	<u>1,057</u>
#9	Ill.	1,397	3,216	1,583	5,290	2,825	481	221	19	15,032	528
	Ind.	719	1,941	520	2,221	1,122	203	115	7	6,848	296
	Wisc.	546	754	833	1,580	967	175	70	17	4,942	125
		<u>2,662</u>	<u>5,911</u>	<u>2,936</u>	<u>9,091</u>	<u>4,914</u>	<u>859</u>	<u>406</u>	<u>43</u>	<u>26,822</u>	<u>949</u>
#10	Colo.	375	515	652	1,187	803	157	57	13	3,759	164
	Iowa	505	529	532	1,510	884	151	67	9	4,187	163
	Kans.	350	379	877	1,048	614	154	37	16	3,475	168
	Minn.	599	509	803	1,684	972	221	64	5	4,857	150
	Mo.	587	1,027	814	1,933	1,143	242	81	11	5,838	221
	Nebr.	239	273	462	668	413	61	31	4	2,151	104
	N.D.	71	11	412	64	99	22	10	4	693	37
	S.D.	112	41	237	232	166	31	13	3	835	49
		<u>2,838</u>	<u>3,284</u>	<u>4,789</u>	<u>8,326</u>	<u>5,094</u>	<u>1,039</u>	<u>360</u>	<u>65</u>	<u>25,795</u>	<u>1,056</u>
KH6	Hawaii	137	89	236	510	360	60	25	28	1,445	41
KL7	Alaska	118	107	224	380	236	59	9	63	1,196	80
Grand total, 50 states and D.C. only		<u>25,322</u>	<u>56,247</u>	<u>34,654</u>	<u>97,933</u>	<u>57,800</u>	<u>11,999</u>	<u>3,666</u>	<u>836</u>	<u>288,457</u>	<u>10,690</u>

\* From the Summer 1971 Radio Amateur Callbook Magazine.



## HAMBAR

HAMBAR services of radio equipment ONLY will be available to all our subscribers, amateurs or non-amateurs, at a rate of 50 cents for 15 words, and 5 cents a word thereafter. NO AD WILL BE PRINTED UNLESS ACCOMPANIED BY FULL REMITTANCE! Return ads must be resubmitted each month, no \$1.00 for two insertions, etc. No Hambar accepted via telephone.

Non-subscribers rate is \$1.00 for 35 words and 5 cents each additional word. To Commercial Business: Classified, undisputed — 50 cents per line. Illustrative or General Display with border — \$3.50 minimum, \$70 page including lay-out.

Deadline 10th of month for all ads. FLORIDA SKIP, INC., Advertising Department, P. O. Box 501, Miami Springs, FL 33166.

### AMATEUR-WHOLESALE

**ELECTRONICS AWE NOW AVAILABLE:** The fantastic Wilson Antennas: (example) DUO BAND BEAMS: 4 el. 15 and 3 el. 10 meter beam \$99. 3 el. 20 and 2 el. 15 meter beam \$99. 30 ft. w. center gain boom: 6 el. 15 and 5 el. 10 meter beam. 13 db gain \$194. Write for catalog. NEW ARRIVALS: KW2000 transceivers, 100-10 meters, write for literature. New GLADDING 20 P33 transceiver 25 WATTS OUTPUT, 6 channels complete with xials for 148.34-146.74 and 146.94-146.94, completely independent xmit-recv. xtal switching, amateur net price \$249.99. OUT! LOW INTRODUCTORY PRICE \$212.50 with AC supply, reg. \$299.95. OUR LOW PRICE \$250.00 (LATEST FACTORY PRODUCTION MODELS.) Write for literature. NEW HAM-M's 399. BY-GAIN TH60XX (reg. \$179.95) \$129. BY-QUAD (reg. \$179.95) \$99. NEW SIGNAL-ONE CXTA's Latest factory production, built by Comp. Mass. Corp. \$219.00. GIANT TRADES: Reconditioned like new trade in equipment, 30 days parts and labor guarantee. WE TRADE ON BOTH NEW AND USED EQUIPMENT. Drake T4XB MS-4 spk and AC (like new) \$379. Collins 75S-3 (last series, brand new cond.) \$389. Kenwood R-599 recv. \$249. Kenwood T-299 xmitr \$279. (both one month old, brand new cond.) Handbook 3-404 linear including both in pm and antenna transfer relay \$99.00. (beautifully built). **AMATEUR-WHOLESALE ELECTRONICS**, 8817 S.W. 129 Terrace, Miami, Florida 33136. Phone (305) 233-2631.

**TRI-EX** Deluxe rotating tower, HZR-67IN, plus extension sections and mast. Supports large arrays at 90 feet, more can be stacked on all the way down to 20 feet where tower is tripod supported. Complete with motorized (3/4 h.p.) raise-lower package and ground-level mount for prop pitch or other h.d. tower rotor. Hop-dip galvanized excellent condition; 27 feet by 2 inch o.d.x. 25 inch wall mast. Nbrs. over \$2,000.00, well \$900.00 cash, no trades. FOB Brookville. \$800.00 if you pick up. Dick Ehrhorn, W4RTT, 306 Azalea, Brookville, FL 33512.

**FOR SALE: GALAXY 2000** 2 KW amplifier, Compatible with all 100 watt output transmitters. Extra clean. \$175.00. Jim Ackerson, K4PNJ, 6300 N.W. 25th Ct., Sunrise, FL 33312, Phone 305-733-2296.

**AMATEUR RADIO CLASSES** — Novice and General Classes start Wednesday, January 25th at 7:30 PM for 12 weeks at JPK Community School, 1073 N.E. 16th Street, North Miami Beach. Fee \$20.00 per person. To register call 947-1451. For more information: K4FMA 947-7725 or WB4LBB 947-3617.

**FOR SALE: THUNDERBOLT**, power reducer, 75A2, 75A1 (see ad) (75A4) vernier knob, HW-32A, Fabulous linear power supply components, Heath IG-302 RF generator for best CASH offer. Swap my misc. stuff. Alan Small, WB4MPN, 1204 S.E. First St., Deerfield Beach, FL 33441.

**FOR SALE: KWM2** and PM-2 Collins, excellent shape \$600.00. Marty Shapiro, WA3IFQ, 1138 Boxwood Road, Jenkintown, PA 19046.

**FREE TO SUBSCRIBERS:** BT2 — 5 COLOR POST CARD SIZE CALENDAR TO OUR Florida SKIP members only. Send a self addressed stamped envelope to FLORIDA SKIP, BOX 501, Miami Springs, FL 33166. First come first served, Editor.

**FOR SALE: Commercial type** Telegraph Monitor MT-2 and 110 v.a.c. control unit MPS-1 by Sheldan, (pc. Used to analyse teletype signals, Orig. cost over \$350.00, asking \$70.00. Andy Clark, W4YJT, 41 Lenape Dr., Miami Springs, FL 33166 (305) 888-3074.

**FOR SALE: COLLINS KWM-2** with 110V supply \$649.00 312B-5 ext. VFO and station control \$215.00. Collins 30L-1 linear with new 812-A tubes \$250.00. 75S-3 receiver \$335.00. All equipment reconditioned and guaranteed for 30 days. MAYS ELECTRONIC CORP., Your E-Z way Tower Rep., 885 East 25th St., Hialeah, FL 33013 Phone (305) 834-4146.

**FOR SALE: RK-10** marauder \$100.00 SWAN 240 with TCU VFO and a.c. supply \$240.00. Heath Twer, \$30.00. Drake 2B and 2BQ \$160.00. SX-28 \$25.00. A4 V8B Henry E. Sullivan, K4AOB, 905 Lee St., Leesburg, FL 32743.

**WANTED: Extra heavy roller** inductor for two KW and computer grade capacitors 25 MF at 40 WV. Winky Murek, W4NBT, 2105 North 38th Ave., Hollywood, FL 33021.

**FOR SALE: Andrews foam filled VHF** low loss coax 32 chms. Have one length 81 foot at 20 cents per foot and 1 length at 15 feet for 15 cents per foot. No ship. Allied Novice 30 watt transmitter \$22.00. P&H 490 watt linear. Beautiful shape with 3 spare finals, manuals \$80.00. RG11-U, like new 10¢ per foot. Coax fittings male and female 40¢ each. QSTs, CQs save 75¢ to each my choice, 10¢ each. Some complete years \$1.50 pick up only or add postage. Andy Clark, W4YJT, 41 Lenape Dr., Miami Springs, FL 33166 Phone 888-3074.

**WANTED: 100 traffic reports.** Accepted between 1st and 4th of month. File RADIOGRAM via nets or send via mail. Example: Origin Recd-1 Rxd-0 Divd-1 Total-2. Send to W4LE or QRP to any Miami Station. Regis K Kramer, W4LE, SCME, P.O. Box 150 N.E. 76th St., Miami, FL 33128 Phone 728-0882.

**COLLINS KWM-1** \$350.00 75A4 receiver \$295.00. MAYS ELECTRONIC CORP., 686 East 25th St., Hialeah, FL 33013 Phone (305) 834-4146.

**FOR SALE: Excellent heavy duty** 6 foot rack cabinet wired with a.c. outlets \$15.98 pick up. Winky Murek, W4NBT, 2105 North 38th Ave., Hollywood, FL 33021.

**FOR SALE: Going 1969** Viking Valiant and HQ-100 with elcok both very good condition \$275.00 for both or best offer. Both on air now. Gito Freytag, N4QFM, 301 East 24th St., Riviera Beach, FL 33404.

**BARGAINS GALORE:** Panel meters \$2.00 to \$3.00, (\$3.00 for 100 ranges). GE 1000 PIV-1 amp diodes 10 for \$1.50. Cartoned 4 1/2 inch Western 100-0-100 Ua meters \$4.50. Various IC's at giveaway prices. Stamp for listings. **WANTED: SPECIAL PURPOSE TUBES.** G. Samokofsky, W3YSY, 6003 Brenda Dr., Orlando, FL.

**FOR SALE: DRAKE 2B** receiver, just recalibrated. WWV crystal, speaker built in \$150.00. Jim Ackerson, K4PNJ, 6300 N.W. 25th Ct., Sunrise, FL Phone (305) 733-2296.

**WANTED: Going mobile** and need a 6-300 DC power supply to run my Galaxy-300 SSB rig. Call or write Mike Hill, K4QKM, 4027 Waring Dr., Tampa, FL 33610 Phone 826-4903.

**FOR SALE: E.V. 619TH** suppression mike, new, never used \$30.00. Transistorized SWAN 410C VFO for SWAN 500C new \$85.00. Mosley TA-35 Jr. in operation \$25.00. Bill Smith, 4100 S.W. 21st St., Miramar, FL 33021.

**FOR SALE: DRAKE 1NT** and 2A receiver, both clean, excellent condx. Asking \$235.00 for both. Will not ship. C. M. Droganac, 6241 Lincoln St., Hollywood, FL 33021 Phone 989-6488 or 625-2788.

**FOR SALE: MOSLEY C1-38** (\$169) 6 months old \$100.00. Pick-up. Joe Darnento, W4SSK, Rt. 2, Box 309, Merrill Island, FL 32652 Phone 773-0796.

**ANTENNAS FOR SALE: 1** month old 40 ft telescoping mast with roof side bracket all guy wires 15 meter 3 el. 17 spacing modified Gotham beam (extended boom to 14 feet). Also TR-4 CDR rotator with 70 foot of control cable \$30.00. Mosley V4-B-1 KW 10 to 40 meter verticle \$10.00. Mosley trap dipole 20 ft and 10 ft \$10.00. Robert Polakowice, W4RSK, 7223 S.W. 98th Ave., Miami, FL 33143 Phone 379-1221.

**TELETYPERS —** M15 auto CR-LF \$27.50. Tape winders (windup) \$12.50. Gears galore. Send SASE for complete list. **WANTED: LXD's** any conditions, all parts; models 32, 33. TYPETRONICS, Box 8572, Ft. Lauderdale, FL 33310 - W4NYF.

**FOR SALE: Like new** Hammarlund HQ-300 general coverage receiver, AM, SSB, CW and broadcast band. Pick up or will ship. \$195.00. Walt Wentworth, W4WFB, 3557 - 27th Ave. No., St. Petersburg, FL 33709.

**SWAN 250** \$140.00. SWAN 330, \$200.00. Power 117X \$70.00. with cables all together \$400.00. All very good and will share shipping. HW-32 and HP23 good condition operation exceptional \$115.00. SWAN 2-band 2 element 15 ft. beam, like new \$40.00. Hammarlund SR-800, good working, alidate top cover, no case \$185.00. Share shipping. O. A. Thompson, K4LV, RFD 2, Three Lakes, Umatilla, FL 33764.

**TRANSFORMERS REWOUND:** Jess Price, W4CLJ, 327 Rachel St., Orlando, FL 32806 Phone (407) 425-7251.

**FOR SALE: STANDARD Vibrotex** keyer paddle for electronic keyer, in real good shape \$16.00. Wayne Tope, W4TUP, Rt. 3, Box 5, Encinitas, FL 33566 Phone (813) 967-6080.

**FOR SALE: RIDER** Chasolyst with manual year 1938. make offer. HT-37 \$140.35. New 117 V. Dow-Key \$8.99. R-603 speaker \$9.95. Heath 5 meter plus vibrator supply and manuals mint condx. \$34.95. Bob Anderson, W4FPZ, 1417 N. 22nd Ave., Hollywood, FL 33029 Phone 823-2884.

**SELL: HT-40** transmitter with Drake 1000P filter and HG-79 VFO with handwren power. Complete excellent service or CW use \$75.00. Lafayette SWL Bridge \$10.00. New VTVM Lafayette professional \$40.00. Hallicrafters SX-146 receiver with 100kc calibrator, 300 cycle filter plus extra crystals \$150.00. Larry Gordan, W4LIN, P.O. Box 638, Inverness, FL Phone (904) 726-3625.

**WANTED: Converter, Drake** low frequency model 21F preferably with 1.5 to 3.5 MC Crystal. Also need manual for Apexco radiotelephone AE-58. R. J. Christensen, W4ATF, Box 349, Boca Raton, FL 33432 Phone 395-1764.

**FOR SALE: SWAN 500C** with VOX and CW filter, 500 external VFO, AC power supply console. 15 months old and in good condition \$350.00. takes all Dave Sellers, W44PNJ, 1444 Oldfield Dr., Tallahassee, FL 32303 Phone 385-2017.

**WANTED: FT-191** schematic or manual. Microphone EV-727, 729 or similar push to talk microphone. Robert Polakowice, W4RSK, 7223 S.W. 98th Ave., Miami, FL Phone (305) 279-4121.

**FOR SALE: Johnson Valian I**, factory wired in good condition \$75.00. Ted Galicko, WA4EJQ, 8830 N.W. 16th St., Hollywood, FL 33021 Phone 981-5062.

**FOR SALE: Johnson Thunderbolt 2 KW** PEP linear amplifier, mint condition \$150.00. Pick up in Jacksonville. Bill Alyn, W4HLE, 890 Ashcroft River Dr., Apt. 115, Jacksonville, FL 32211. Phone: 235-2594 after 5 p.m.

**SELL: Heath RG-54** (ball general coverage plus low band receiver \$45.00. Aneco CN144 inverter two meter converter with power supply \$30.00. Heath Twer (undermined) \$30.00. All above in good condition and with manuals. Jess Price, W4CLJ, 308 Rachel St., Orlando, FL 32806.

**FOR SALE: Mini SE-301-301** with cables and crystals \$425.00. EICO 460 scope \$90.00. Heath TT-1A tube tester \$100.00. IG-72 audio generator \$30.00. IG-102 RF generator \$18.00. AV-3 a.c. VTVM \$20.00. Knight 853 RF sweep generator \$35.00. Edico dwat pen 10-10 ma. 3mw wire chart recorder 3 speeds \$40.00. Instrutograph with 12 tapes \$45.00. Roberts 770-X recorder \$240.00. All excellent to mint condition. Pick up. F. A. Simons, K4EEL, 1625 John Anderson Dr., Ormond Beach, FL 32074.

**FOR SALE: E-Z Way** 40 foot HRS crankup lift over tower with ground post \$200.00. Used HAM-M rotor \$50.00. HY-Gain 203-A 2 element beam \$45.00. KWM-1 with a.c. power supply \$300.00. SWAN 350-C with a.c. supply and speaker \$275.00. This equipment from estate of Jake Halberg and info can be gotten thru MAYS ELECTRONIC CORP., 686 E. 25th St., Hialeah, FL 33013 Phone (305) 834-4146.

**FOR SALE: VLF** receiver. 15 to 600 kHz. model RL8-3. Built by National for Navy. Has power supply built in. Excellent condition. Prefer not to ship \$100.00. FOB Bradenton. Vincent Baker, W2IQ4, 1710 Point Pleasant Ave. West., Bradenton, FL 33565.

**WANTED: Johnson Ranger I** in good physical condition. Will repair electronic problems. State firm price in first letter. Bob Borum, W4YHX, Box 894, High Springs, FL 32643.

**WANTED: How do I join Air Force MARS** in Northern Florida? Bob Borum, W4YHX, Box 894 High Springs, FL 32643.



FIVE OLD TIMERS smile for W4BAV's camera. L to r: W4WME, W4GHR, W4BCZ, W4UFR and K4VNA. Taken at home of W4UFR and W4WPD in Tampa after a Florida meeting.

### HAMS AID SEARCH

About twenty hams, including members of the Atlanta Radio Club, used their skills to search for an airplane that crashed and burned on the east side of Pine Log mountain in Cherokee County.

The plane disappeared sometime Friday, and radio amateurs were called into the search along with Civil Air Patrol units at noon on Saturday.

From then until the plane was found about 5 P.M. Sunday, mobile units, most of them on 2 meters, kept search parties in touch with each other. They used the Air Force repeater on Black Jack Mountain, the Rome repeater, which removed its whistle, the Chattanooga repeater, Tommy Ackerson's repeater, and the ARC repeater.

Mobile units operated on

### RAEM SILENT KEY

(Continued from Page 1)

entire sea route north across Europe and Siberia in a single season. The RAEM call-sign was given him because of his heroism on one trip.

He was a Hero of the Soviet Union, the highest award given in the USSR. His obituary was signed by four members of the Politburo. It would seem that the amateur who has been the most prominent and widely known not only within the USSR but world wide has passed on at the age of 68.

(FEARL (M) NEWS—KA2LL EDITOR)

16 / FLORIDA SKIP February 1972

Kennesaw Mountain, most of the night, with pars personnel keeping it open. When the wreckage was finally sighted, mobile units arrived close to the site in twenty minutes.

The ARC phone patch was in brisk operation, too.

Participating members were Steve Smith, W4VWV; Kent Marshall, W4KRE; Carl Parks, W4REI; Mike Zuckerman, W4AEJ, and C. G. Riddle, W4QJL.

They and the other Hams involved gave up their weekend and a good deal of sleep to a difficult and heartbreaking job, and they deserve the thanks of everyone! It was a task well done... (From Atlanta Ham)

### REPEATER DIRECTORY

Utilizing the extensive data furnished by the VHF Repeater Advisory Committee, ARRL has now produced an updated director of repeaters. This detailed listing includes information from the VRAC and the summer edition of the directory, indicating area served by the repeater, call used, type, frequency, system modulation, access method, power, repeater location and elevation, and sponsor.

The directory is available without charge from ARRL Headquarters, 225 Main Street, Newington, Connecticut 06111. For first class shipment, please send a large addressed envelope with 24 cents U.S. postage. (ARRL QB 348)

### FROM HERE 'N THERE

Thanks for notice... would not like to miss a single SKIP, Jim WB4ISZ, Sarasota... An awful long 30 days between skip to skip. Guy K4APE, No. Miami Beach... My Phony Phonetics WB40AC - Old Alley Cat... Congrats on ARNS awards, W4HZG, Hialeah... Really appreciate SKIP, fine mag. Dorothea W4QBY, Ft. Lauderdale... Congrats on all our recently acquired awards. We know you and your family have put a lot of time and work into it. We enjoy the magazine very much. Al, K4FLV (Florida Luvia Volusia), Ormond Beach. (Thanks for all your comments gang. Editor)

### NEW RTTY SPEEDS

In late November the F.C.C. issued a report and order amending our rules, effective January 7, 1972, to allow 60, 75 and 100 spm radioteletype transmissions in addition to present "standard" of 60 wpm. This action had its origination in petitions by W8SDZ and WB2LRS, and a notice of proposed rule making released by F.C.C. a year ago. Although the latter did not include 57 wpm provision, F.C.C. says that comments received pointed out the general use of this speed for international communication, and thus it was included in the final language. (From ARRL Directors Newsletter.) W1RW.

### ANTENNA FARM OF



COMPLIMENTS OF  
FLORIDA SKIP  
P.O. Box 501  
Miami Springs, FL  
33166

FOR THOSE SKIP MEMBERS who did not get a copy of this "Antenna Farm" cartoon-type certificate by Hank Projansky, W1GSI, at the Hamboree, you may obtain one by simply sending a self-addressed stamped No. 10 envelope to: Florida Skip, Box 501, Miami Springs, FL 33166. It measures 8 1/2 x 11 inch and is in 4 colors. First come, first serve. AC.

### — COMING EVENTS —

A.R.R.L. Set	Jan. 29-30
Broward Auction Fest	Mar. 11
Boondock Swapfest	Mar. 19
Ft. Walton Beach	
Fla. QSO Party	Apr. 1-2